JC10 Rec'd PCT/PTO 0 9 JUN 2005

PTO-1390 (Rev. 02-2005) use through 3/31/2007. OMB 0651-0021 U.S. Patent and Tradema ice; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ATTTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES **MAT-8596US** DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 10/506,760 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP02/02333 13 March 2002 (13.03.02) TITLE OF INVENTION REFRIGERATOR APPLICANT(S) FOR DO/EO/US Chie HIRAI, Kenji TAKAICHI, Yasuaki TANIMOTO Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. 📖 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 🗸 13. L A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 17. ___ 18. L A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). Other items or information: Certificate of Express Mail; PTO 2038; copy of Formalities Letter

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO-1390 (Rev. 02-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (if known, see 37 CFR 1.5) **MAT-8596US** 10/506.760 PCT/JP02/02333 CALCULATIONS PTO USE ONLY The following fees have been submitted Basic national fee.....\$300 21. If International preliminary examination report prepared by USPTO and all claims satisfy provisions of All other situations.....\$200 Search fee 23. 📙 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority......\$100 All other situations......\$500 \$ TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. RATE Number of each additional 50 or fraction Extra Sheets **Total Sheets** thereof (round up to a whole number) x \$250 - 100 = /50 = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ 130 claimed priority date (37 CFR 1.492(e)). NUMBER EXTRA RATE S CLAIMS NUMBER FILED \$ x \$ 50 - 20 = Total claims s \$200 Independent claims \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 TOTAL OF ABOVE CALCULATIONS = \$ 130 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(f)). \$ TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied s 40 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$ 170 Amount to be 06/13/2005 GFREY1 00000146 10506760 \$ refunded: 01 FC:1617 130.00 UP Amount to be \$ 170 charged: to cover the above fees is enclosed. A check in the amount of \$ ____ to cover the above fees. Please charge my Deposit Account No. __ in the amount of \$ _ A duplicate copy of this sheet is enclosed. c. 🗸 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 18-0350 . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not a. 🗸 be included on this form. Provide credit card information and authorization on P/TO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a)) of (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: 52473 Customer Number SIGNATURE Lawrence E. Ashery Ratner Prestia, P.O. Box 980, Valley Forge, PA 19482 NAME RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 34.515

REGISTRATION NUMBER

June 9, 2005

CERTIFICATE OF MAILING "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Chie Hirai et al.			Docket No. MAT-8596US			
Serial No.	Filing Date	Examiner	Group Art Unit			
10/506,760	Herewith					
Invention: REFRIGERAT	OR	<u> </u>				
I haraby cortify that the fo	ollowing correspondence:					
I hereby certify that the following correspondence: PTO Form 1390 and its enclosures						
F 10 1 om 1030 and its enclosures						
	(Identification	of correspondence)				
Is being deposited with th		e "Express Mail Post Office to Add	Iressee" service under 37			
CFR 1.10 in an envelope	addressed to:					
	s, P.O. Box 1450, Alexandria,	VA 22313-1450				
on June 9, 2005		Makking a Likhu				
		Kathleen Libby (Typed or Printed Name of Person Mailing Correspondence)				
	Lathlew Liklis					
		(Signature of Person Mailing Correspondence)				
	EV 396087874 US					
		("Express Mail" Ma	iling Label Number)			
	Note: Fook was a week ba	its accompaniificate of mailing				
Note: Each paper must have its own certificate of mailing.						
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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Dox 1450 Alexandria, Viginia 22313-1450 www.undria.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY	ATTY. DOCKET NO.	
10/506,760	Chie HIRAI	MA	T-8596US	
		INTERNATIONAL APPLICATION NO.		
		PCT/JP02/02333		
23122	RECEIVED	LA. FILING DATE	PRIORITY DATE	
RATNERPRESTIA		03/13/2002		
P O BOX 980 VALLEY FORGE, PA 19482-0980	MAY 1 9 2005			
VALLET 1 ONGE, FA 19402-0900		CONFIRM	ATION NO. 8920	
	RatnerPrestia	371 FORMALITIES L		
∭i⊛ Date Mailed: 05/17/2005	sing Rea Due (2mo)	*OC000000016015743*		
	1-11 0	2 M		

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/08/2004
- English Translation of the IA filed on 09/08/2004
- Copy of the International Search Report filed on 09/08/2004
- Preliminary Amendments filed on 09/08/2004
- Information Disclosure Statements filed on 09/08/2004
- Request for Immediate Examination filed on 09/08/2004
- U.S. Basic National Fees filed on 09/08/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application
 by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.





The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

FRANCINE YOUNG

Telephone: (703) 308-9140 EXT 215

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/506,760	PCT/JP02/02333	MAT-8596US

FORM PCT/DO/EO/905 (371 Formalities Notice)